

# DSN Switch-Rated plug and receptacle with Type 4X/IP69k protection



## Main Advantages

- ▶ Switch & Hp rated
- ▶ 100 kA short circuit rated\*
- ▶ Type 4X/IP69k or IP66/IP67
- ▶ Compact, lightweight design
- ▶ Up to 6 auxiliary contacts

\* See note under General Ratings on the next page.



## Highlighted Advantage

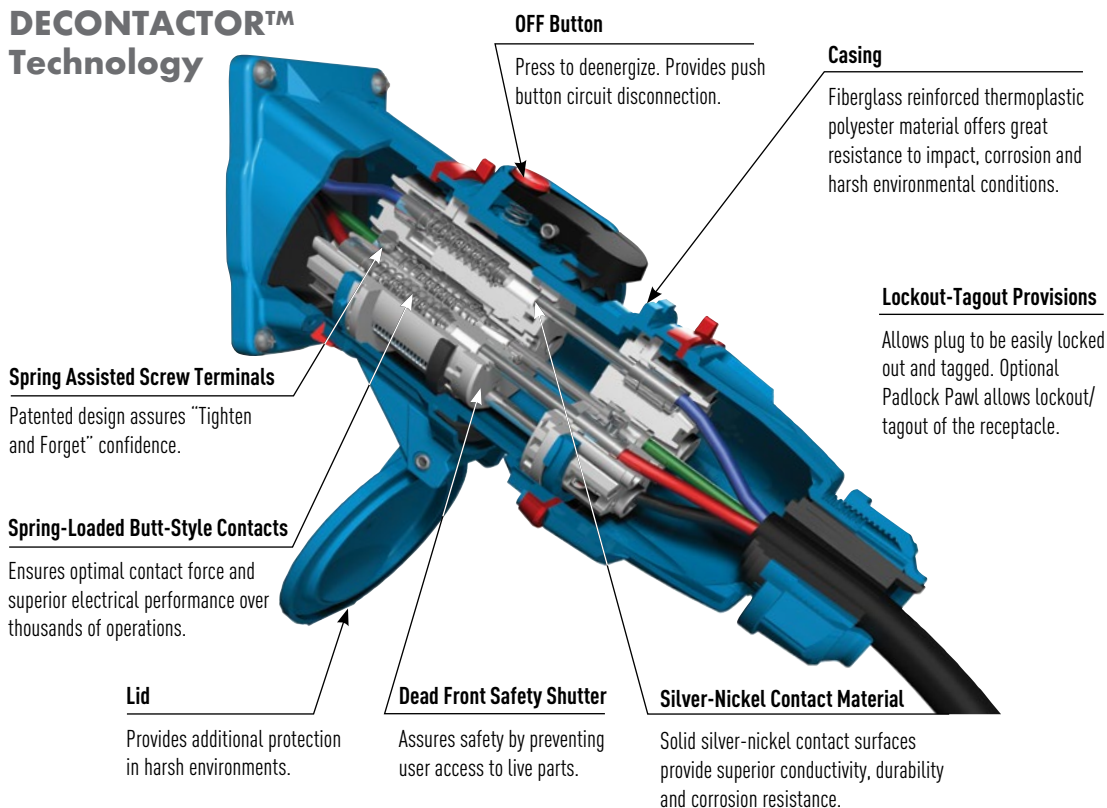
**!** Simplify Compliance to NFPA 70E & CSA Z462 see pgs 18-19 for more information



- |                        |       |               |       |
|------------------------|-------|---------------|-------|
| ▶ Features and Ratings | p. 25 | ▶ DSN150      | p. 32 |
| ▶ DSN20                | p. 26 | ▶ Spare parts | p. 34 |
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# PRODUCT FEATURES

## DECONTACTOR™ Technology



## Operating Instructions



When the plug and receptacle are latched together, the circuit is connected.



Pressing the pawl breaks the connection and opens the circuit. The plug is ejected to its rest position; The contacts are now dead.



Rotating the 'dead' plug 30° counterclockwise closes the safety shutter and frees the plug to be withdrawn from the receptacle.



The plug and the receptacle are separated. The safety shutter prevents access to live parts.

5 To reconnect, insert plug into receptacle, rotate 30° clockwise, and apply insertion force.

## General Ratings

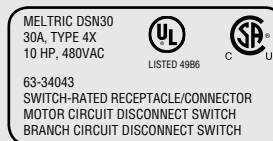
<b>Amperage</b>	20 to 150A
<b>Voltage</b>	600 VAC
<b>Frequency</b>	50-400 Hz
<b>Horsepower</b>	1/2 to 75 hp
<b>Short-Circuit (Make &amp; Withstand)</b>	100kA*
<b>Environmental</b>	Type 4X/IP69k
<b>Temperature</b>	min -40°F/max 140°F

\* DSN20, DSN30, DSN60: Testing was performed with RK1 current limiting fuses sized at 400% or more of the highest full load motor ampacity associated with the devices horsepower ratings.

\* DSN150: 100kA testing was performed with 225A RK1 non-time delay Mersen fuses. 10kA testing was performed with 400A RK1 non-time delay Mersen fuses.

## Highlighted Feature

### Typical Device Labels



Meltric DSN Series Switch-Rated devices are UL & CSA rated for "motor circuit" and "branch circuit" disconnect switching – up to 75 hp and up to 150A.

## Listings

Category	UL	CSA	IEC
Plugs and Receptacles	UL 1682	C22.2 No. 182.1	60309-1
Branch Circuit Disconnect Switching (AC only)	UL Subject 2682 (Performance tests from UL 98)	UL Subject 2682	60947-3, AC22, AC23
Motor Circuit Disconnect Switching (AC only)	UL Subject 2682 (Performance tests from UL 98)	UL Subject 2682	60947-3, AC22, AC23

CE ratings available upon request.

# DSN20 Switch-Rated Plugs & Receptacles – 20A

## UL/CSA Ratings

- **Max Amperage & Voltage**  
20A, 600 VAC
- **Switch-Rating (AC Only)**  
Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**

120V	1Ø	1/2 hp
240V	1Ø	1 1/2 hp
208V	3Ø	2 hp
240V	3Ø	2 hp
480V	3Ø	5 hp
600V	3Ø	5 hp
- **Short Circuit Rating**  
100kA Close & Withstand  
Testing was performed with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
- **Environmental Ratings**  
Type 4X/IP69k\*  
\*Also meets IP66/IP67 requirements
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 253 for temps below -15°F.
- **Wiring Capacity**  
Min 14 AWG Max 12 AWG  
Aux Contacts - 14 AWG prewired
- **Certifications**  
UL 2682, UL 1682, CSA 182.1

## Receptacle (female)



## Inlet (male)



**!** Don't forget to add installation accessories to your order

## North American UL/CSA Configurations

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	63-14165	63-18165
120 208V	3P+N+G	63-14167	63-18167
125V	1P+N+G	63-14075	63-18075
125 250V	2P+N+G	63-14076	63-18076
208V	2P+G	63-14162	63-18162
208V	3P+G	63-14163	63-18163
250V	2P+G	63-14072	63-18072
250V	3P+G	63-14073	63-18073
277V	1P+N+G	63-14045	63-18045
277 480V	3P+N+G	63-14047	63-18047
347 600V	3P+N+G	63-14147	63-18147
480V	2P+G	63-14042	63-18042
480V	3P+G	63-14043	63-18043
600V	2P+G	63-14142	63-18142
600V	3P+G	63-14143	63-18143

For international configurations and ratings (IEC,CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800.433.7642.

## Main Options



**Mushroom Pawl**



**Padlock Pawl**



**Closed Lid Configuration**

Recommended for cord applications to keep lid tucked in to avoid damage.

## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #

With 2 Pilot Contacts

**Recept # - 972+**

Self-Ejecting Plug Release

**Inlet # - 338**

Straight Insertion

**Recept # - 352**

With No Lockout Hole

**Inlet # - A155**

Self-Ejecting Connector Release

**Recept # - 354**

Mushroom Pawl

**Recept # - 375**

Padlock Pawl

**Recept # - 843**

Padlockable Mushroom Pawl

**Recept # - 375-843**

Metal Pawl

**Recept # - 824**

Closed Lid Configuration

**Recept # - NC**




**Notes:** \* Unlike other DSN & DS products, the DSN20 pilots are only on the receptacle side and create a continuity loop that is completed when a plug is connected to the receptacle. UL/CSA listing is expected in 2018.





**!** See pages 230-239 for detailed information on these options


**Order Example: 480V DSN20 with padlock pawl**  
DSN20 Receptacle 3P+G = 63-14043-843


# INSTALLATION ACCESSORIES – SIZE 1


## HANDLES

HANDLE w/NPT	Part # Poly	Part # Metal
 1/2"	511P0N05	791P0N05L
 3/4"	511P0N07	791P0N07L
 1"	511P0N10	791P0N10L

HANDLE w/CORD GRIP	Cable Range	Poly	Metal
	.438 - .500"	711P0BP3	791P0BS3L
	.500 - .562"	711P0BP4	791P0BS4L
	.562 - .625"	711P0BP5	791P0BS5L
	.625 - .750"	711P0CP4	791P0CS4L

NYLON HANDLE w/Cable Range	Part #	Notes
 .35 - .70"	511P0D18	Finger draw plates are recommended for easier connector closure on cord to cord assemblies.


EXTENDED HANDLE	Part #
 .20 - .82"	511P0D21

ANGLED NYLON HANDLE w/Cable Range	Part #
 .35 - .70"	511P6D18


For available cord grips, see pg 178.


Cable Range	NPT	Notes
.312 - .625	1/2"	NPT sizes are determined by the cable diameter and third party cord grip.
.438 - .812	3/4"	
.660 - 1.000	1"	

## ANGLES



NYLON ANGLE	Part #
 30° for MB Box	511M3


METAL ANGLE	Part #
 0°	591M0

Part #	Notes
 FS/FD Box 30°	791M3FS * Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

Part #	Notes
 45°	591M4

## BOXES






POLY CONDUIT ENTRY w/NPT	Part #	Notes
 30° 1/2"	511B3N05	* Interior volume with receptacle installed.
 30° 3/4"	511B3N07	

POLY WALL BOX w/NPT	Part #	Notes
 70° 1/2" - 1 1/4"	511C7000	70° poly boxes are not drilled. Contact customer service if factory drilled is required.





\* 6.7 in<sup>3</sup>





\* 84.0 in<sup>3</sup>

\* Interior volume with receptacle installed.

POLY ANGLE WITH ALUMINUM WALL BOX w/NPT	Part #	Notes
 70° 1/2"	711C7N05	* Interior volume with receptacle installed.
 70° 3/4"	711C7N07	
 70° 1"	711C7N10	
 70° 1 1/4"	711C7N12	
 70° 1 1/2"	711C7N15	

\* 75.0 in<sup>3</sup>


METAL BOX w/NPT	Part #
 0° 1/2"	7T1F0N05
 0° 3/4"	7T1F0N07
 0° 1"	7T1F0N10
 0° 1 1/4"	7T1F0N12

METAL BOX WITH NYLON ANGLE w/NPT	Part #	Notes
 30° 1/2"	711C3N05	* Interior volume with receptacle installed.
 30° 3/4"	711C3N07	
 30° 1"	711C3N10	
 30° 1 1/4"	711C3N12	

\* 29.8 in<sup>3</sup>


NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

## MISCELLANEOUS ACCESSORIES


FINGER DRAWPLATES	Part #	Notes
 Set of Two (2)	61-1A346	Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE CAP	Part #	Notes
 For Male Devices Only.	61-1A426	

PADLOCKABLE PLUG CAP	Part #	Notes
 For Male Devices Only.	61-1A826	

SCREWDRIVER FOR TERMINAL SCREWS	Part #	Notes
 Klein 608-3 1/8" cabinet with 3" round shank.	SD18	

EASY RETROFIT ADAPTER PLATES	Part #	Notes
 Mount to existing boxes.	see pg 175	

RECEPTACLE LOCKING PIN	Part #	Notes
 Requires Padlockable Pawl option (-843) on receptacle.	LP-843	

# DSN30 Switch-Rated Plugs & Receptacles – 30A

## UL/CSA Ratings

- Max Amperage & Voltage**  
30A, 600 VAC
- Switch-Rating (AC Only)**  
Branch Circuit & Motor Circuit  
Disconnect Switching
- Horsepower Ratings**

120V	1Ø	1 hp
240V	1Ø	3 hp
208V	3Ø	5 hp
240V	3Ø	5 hp
480V	3Ø	10 hp
600V	3Ø	15 hp
- Short Circuit Rating**  
100kA Close & Withstand  
Testing was performed with RK1  
current limiting fuses sized at 400%  
of the highest full load motor ampacity  
associated with the devices hp rating.
- Environmental Ratings**  
Type 4X/IP69k\*  
\*Also meets IP66/IP67 requirements
- Temperature Range**  
Min -40°F/Max 140°F  
See pg 253 for temps below -15°F.
- Wiring Capacity**  
Min 14 AWG Max 8 AWG  
Aux Contacts - 14 AWG
- Certifications**  
UL 2682, UL1682, CSA 182.1

## Receptacle (female)



## Inlet (male)



**!** Don't forget to add installation accessories to your order

## North American UL/CSA Configurations

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	63-34165	63-38165
120 208V	3P+N+G	63-34167	63-38167
125V	1P+N+G	63-34075	63-38075
125 250V	2P+N+G	63-34076	63-38076
208V	2P+G	63-34162	63-38162
208V	3P+G	63-34163	63-38163
250V	2P+G	63-34072	63-38072
250V	3P+G	63-34073	63-38073
277V	1P+N+G	63-34045	63-38045
277 480V	3P+N+G	63-34047	63-38047
347 600V	3P+N+G	63-34147	63-38147
480V	2P+G	63-34042	63-38042
480V	3P+G	63-34043	63-38043
600V	2P+G	63-34142	63-38142
600V	3P+G	63-34143	63-38143

For international configurations and ratings (IEC, CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800.433.7642.

## Main Options



**Auxiliary/Pilot  
Contacts**



**Mushroom  
Pawl**



**Padlock Pawl**



**Closed Lid  
Configuration**  
Recommended for cord  
applications to keep lid  
tucked in to avoid damage.

## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #

- With 2 Auxiliary/Pilot Contacts **Recept # - 972**
- Straight Insertion **Recept # - 352**
- Self-Ejecting Connector Release **Recept # - 354**
- Mushroom Pawl **Recept # - 375**
- Padlock Pawl **Recept # - 843**
- Padlockable Mushroom Pawl **Recept # - 375-843**
- Metal Pawl **Recept # - 824**
- Closed Lid Configuration **Recept # - NC**
- With Auxiliary Switch **Recept # - 270+**

- With 2 Auxiliary/Pilot Contacts **Inlet # - 972**
- Self-Ejecting Plug Release **Inlet # - 338**
- With No Lockout Hole **Inlet # - A155**
- For Auxiliary Switch\* **Inlet # - NNF**

**Notes:** \* Order inlet with P+N+G configuration and receptacle with P+G configuration.





**Notes:** + Not UL/CSA listed.




**!** See pages 230-239 for detailed information on these options


**Order Example: 480V DSN30 + 2 auxiliary contacts**  
DSN30 Inlet 3P+G = 63-38043-972






# INSTALLATION ACCESSORIES – SIZE 2

## HANDLES

HANDLE w/NPT	Part # Poly	Part # Metal
 1/2"	512P0N05	592P0N05
 3/4"	512P0N07	592P0N07
 1"	512P0N10	592P0N10
 1 1/4"	512P0N12	-

HANDLE w/CORD GRIP	Cable Range	Poly	Metal
	.625 - .750"	712P0CP4	792P0CS4
	.770 - .875"	712P0DP2	792P0DS1
	.870 - 1.000"	712P0DP3	792P0DS3

NYLON HANDLE w/Cable Range	Part #
 .20 - .82"	512P0D21


POLY HANDLE W/CLAMP & BUSHING w/Cable Range	Part #
 .750 - .875"	712P0S14
 .875 - 1.000"	712P0S16
 1.000 - 1.125"	712P0S18
 1.125 - 1.250"	712P0S20
 1.250 - 1.375"	712P0S22


For available cord grips, see pg 178.


Cable Range	NPT	Cable Range	NPT
.312 - .625	1/2"	.660 - 1.000	1"
.438 - .812	3/4"	.875 - 1.375"	1 1/4"


NPT sizes are determined by the cable diameter and third party cord grip.

## ANGLES



Nylon ANGLE	Part #
 30°	512M3

METAL ANGLE	Part #
 0°	592M0

METAL ANGLE	Part #
 30°	592M3


METAL ANGLE	Part #	Notes
 FS/FD Box 30°	792M3FS	* Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.

## BOXES

POLY CONDUIT ENTRY w/NPT	Part #
 30° 1/2"	512B3N05
 30° 3/4"	512B3N07

\* 8.5 in<sup>3</sup>

\* Interior volume with receptacle installed.

POLY WALL BOX	Part #
 70° 1/2" - 1 1/4"	512C7000

\* 85.0 in<sup>3</sup>





70° poly boxes are not drilled. Contact customer service if factory drilled is required.





\* Interior volume with receptacle installed.

POLY ANGLE WITH ALUMINUM WALL BOX w/NPT	Part #
 70° 1/2"	712C7N05
 70° 3/4"	712C7N07
 70° 1"	712C7N10
 70° 1 1/4"	712C7N12
 70° 1 1/2"	712C7N15

\* 75.0 in<sup>3</sup>

\* Interior volume with receptacle installed.

METAL BOX w/NPT	Part #
 0° 1/2"	7T1F0N05
 0° 3/4"	7T1F0N07
 0° 1"	7T1F0N10
 0° 1 1/4"	7T1F0N12


METAL BOX WITH NYLON ANGLE w/NPT	Part #
 30° 1/2"	712C3N05
 30° 3/4"	712C3N07
 30° 1"	712C3N10
 30° 1 1/4"	712C3N12

\* 28.7 in<sup>3</sup>

\* Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

## MISCELLANEOUS ACCESSORIES


FINGER DRAWPLATES	Part #	Description
	61-3A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.

PROTECTIVE CAP	Part #	Description
	61-3A426	For Male Devices Only.

PADLOCKABLE PLUG CAP	Part #	Description
	61-3A826	For Male Devices Only.

SCREWDRIVER FOR TERMINAL SCREWS	Part #	Description
	SD18	Klein 608-3 1/8" cabinet with 3" round shank.

EASY RETROFIT ADAPTER PLATES	Part #	Description
	see pg 175	Mount to existing boxes.

RECEPTACLE LOCKING PIN	Part #	Description
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.

# DSN60 Switch-Rated Plugs & Receptacles – 60A

## UL/CSA Ratings

- **Max Amperage & Voltage**  
60A, 600 VAC
- **Switch-Rating (AC Only)**  
Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**

120V	1Ø	2 hp
240V	1Ø	3 hp
208V	3Ø	7 1/2 hp
240V	3Ø	7 1/2 hp
480V	3Ø	20 hp
600V	3Ø	20 hp
- **Short Circuit Rating**  
100kA Close & Withstand  
Testing was performed with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
- **Environmental Ratings**  
Type 4X/IP69k\*  
\*Also meets IP66/IP67 requirements
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 253 for temps below -15°F.
- **Wiring Capacity**  
Min 12 AWG Max 4 AWG  
Aux Contacts - Max 14 AWG
- **Certifications**  
UL 2682, UL1682, CSA 182.1

## Receptacle (female)



## Inlet (male)



**!** Don't forget to add installation accessories to your order

## North American UL/CSA Configurations

Voltage	Polarity	Part # Poly	Part # Poly
120V	1P+N+G	63-64165	63-68165
120 208V	3P+N+G	63-64167	63-68167
125V	1P+N+G	63-64075	63-68075
125 250V	2P+N+G	63-64076	63-68076
208V	2P+G	63-64162	63-68162
208V	3P+G	63-64163	63-68163
250V	2P+G	63-64072	63-68072
250V	3P+G	63-64073	63-68073
277V	1P+N+G	63-64045	63-68045
277 480V	3P+N+G	63-64047	63-68047
347 600V	3P+N+G	63-64147	63-68147
480V	2P+G	63-64042	63-68042
480V	3P+G	63-64043	63-68043
600V	2P+G	63-64142	63-68142
600V	3P+G	63-64143	63-68143

For international configurations and ratings (IEC,CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800.433.7642.

## Main Options



**Auxiliary/Pilot Contacts**



**Mushroom Pawl**



**Padlock Pawl**



**Closed Lid Configuration**

Recommended for cord applications to keep lid tucked in to avoid damage.

## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #

With 2 Auxiliary/Pilot Contacts	<b>Recept # - 972</b>	With 2 Auxiliary/Pilot Contacts	<b>Inlet # - 972</b>
With 3 Auxiliary/Pilot Contacts	<b>Recept # - 973</b>	With 3 Auxiliary/Pilot Contacts	<b>Inlet # - 973</b>
With 4 Auxiliary/Pilot Contacts	<b>Recept # - 974</b>	With 4 Auxiliary/Pilot Contacts	<b>Inlet # - 974</b>
Straight Insertion	<b>Recept # - 352</b>	Self-Ejecting Plug Release	<b>Inlet # - 338</b>
Self-Ejecting Connector Release	<b>Recept # - 354</b>	With No Lockout Hole	<b>Inlet # - A155</b>
Mushroom Pawl	<b>Recept # - 375</b>	For Auxiliary Switch*	<b>Inlet # - NNF</b>
Padlock Pawl	<b>Recept # - 843</b>		
Padlockable Mushroom Pawl	<b>Recept # - 375-843</b>		
Metal Pawl	<b>Recept # - 824</b>		
Closed Lid Configuration	<b>Recept # - NC</b>		
With Auxiliary Switch	<b>Recept # - 270+</b>		

**Notes:** \* Order inlet with P+N+G configuration and receptacle with P+G configuration.

**Notes:** + Not UL/CSA listed.





**!** See pages 230-239 for detailed information on these options





**Order Example: 480V DSN60 + 2 auxiliary contacts**  
DSN60 Inlet 3P+G = 63-68043-972


# INSTALLATION ACCESSORIES – SIZE 3






Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.


**HANDLES**

HANDLE w/NPT	Part # Poly	Part # Metal
 1/2"	513P0N05	593P0N05
 3/4"	513P0N07	593P0N07
 1"	513P0N10	593P0N10
 1 1/4"	513P0N12	593P0N12

HANDLE w/CORD GRIP Cable Range	Poly	Metal
 .770 - .875"	713P0DP2	793P0DS1
 .875 - 1.000"	713P0DP3	793P0DS3
 1.000 - 1.125"	-	793P0ES2
 1.080 - 1.208"	713P0EP2	-

NYLON HANDLE w/Cable Range		
 .39 - 1.18"	513P0D30	Finger draw plates are recommended for easier connector closure on cord to cord assemblies.


POLY HANDLE W/CLAMP & BUSHING w/Cable Range		
 .750 - .875"	713P0S14	
 .875 - 1.000"	713P0S16	
 1.000 - 1.125"	713P0S18	
 1.125 - 1.250"	713P0S20	
 1.250 - 1.375"	713P0S22	


POLY HANDLE W/BUILT IN DRAW GRIPS w/Cable Range		
 .39 - 1.18"	513P0D30473	Makes connector closures easier


For available cord grips, see pg 178.


For a guideline of NPT based cable ranges, see DSN30 on pg 29.


**ANGLES**

NYLON ANGLE		
 30°	513M3	




METAL ANGLE		
 0°	593M0	


 30°	593M3	
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 FS/FD Box 30°	793M3FS	* Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions.
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 70°	593M7	
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


**BOXES**

POLY CONDUIT ENTRY w/NPT			
 30°	1/2"	513B3N05	* Interior volume with receptacle installed.
 30°	3/4"	513B3N07	
 30°	1"	513B3N10	

POLY WALL BOX			
 70°	1/2" - 1 1/4"	513C7000	70° poly boxes are not drilled. Contact customer service if factory drilled is required.
* 185.75 in <sup>3</sup>			* Interior volume with receptacle installed.


POLY ANGLE WITH ALUMINUM WALL BOX w/NPT			
 70°	1/2"	713C7N05	* Interior volume with receptacle installed.
 70°	3/4"	713C7N07	
 70°	1"	713C7N10	
 70°	1 1/4"	713C7N12	
 70°	1 1/2"	713C7N15	

METAL BOX w/NPT			
 0°	1/2"	7T1F0N05	
 0°	3/4"	7T1F0N07	
 0°	1"	7T1F0N10	
 0°	1 1/4"	7T1F0N12	

METAL BOX WITH NYLON ANGLE w/NPT			
 30°	1/2"	713C3N05	* Interior volume with receptacle installed.
 30°	3/4"	713C3N07	
 30°	1"	713C3N10	
 30°	1 1/4"	713C3N12	

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

**MISCELLANEOUS ACCESSORIES**


FINGER DRAWPLATES		
 61-6A346	Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure.	

PROTECTIVE CAP		
 61-6A426	For Male Devices Only.	

PADLOCKABLE PLUG CAP		
 61-6A826	For Male Devices Only.	

CORD GRIP with or w/o MESH		
 see pg 178		

EASY RETROFIT ADAPTER PLATES		
 see pg 175	Mount to existing boxes.	

RECEPTACLE LOCKING PIN		
 LP-843	Requires Padlockable Pawl option (-843) on receptacle.	



# DSN150 Switch-Rated Plugs & Receptacles – 150A

## UL/CSA Ratings

- **Max Amperage & Voltage**  
150A, 600 VAC
- **Switch-Rating (AC Only)**  
Branch Circuit & Motor Circuit Disconnect Switching
- **Horsepower Ratings**

120V	1Ø	7 1/2 hp
240V	1Ø	20 hp
208V	3Ø	30 hp
240V	3Ø	30 hp
480V	3Ø	75 hp
600V	3Ø	75 hp
- **Short Circuit Rating**  
100kA Close & Withstand  
Testing was performed with 225A RK1 non-time delay Mersen fuses.  
10kA Close & Withstand  
Testing was performed with 400A RK1 non-time delay Mersen fuses.
- **Environmental Ratings**  
Type 4X/IP69k\*  
\*Also meets IP66/IP67 requirements
- **Temperature Range**  
Min -40°F/Max 140°F  
See pg 253 for temps below -15°F.
- **Wiring Capacity**  
Min 4 AWG Max 2/0 AWG  
Aux Contacts - Prewired w/14 AWG
- **Certifications**  
UL 2682, UL 1682, CSA 182.1

## Receptacle (female)

Easy Closing Mechanism



If you have an existing removable and/or permanently attached drawbar, contact customer service.



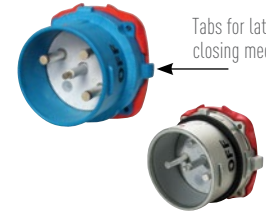
Don't forget to add installation accessories to your order



Poly casing opens to 180° while the metal casing opens only 90°.

## Inlet (male)

Tabs for latching to closing mechanism



## North American UL/CSA Configurations

Voltage	Polarity	Part #		Part #	
		Poly	Metal	Poly	Metal
120V	1P+N+G	63-94165	69-94165	63-98165	69-98165
120 208V	3P+N+G	63-94167	69-94167	63-98167	69-98167
125V	1P+N+G	63-94075	69-94075	63-98075	69-98075
125 250V	2P+N+G	63-94076	69-94076	63-98076	69-98076
208V	2P+G	63-94162	69-94162	63-98162	69-98162
208V	3P+G	63-94163	69-94163	63-98163	69-98163
250V	2P+G	63-94072	69-94072	63-98072	69-98072
250V	3P+G	63-94073	69-94073	63-98073	69-98073
277V	1P+N+G	63-94045	69-94045	63-98045	69-98045
277 480V	3P+N+G	63-94047	69-94047	63-98047	69-98047
347 600V	3P+N+G	63-94147	69-94147	63-98147	69-98147
480V	2P+G	63-94042	69-94042	63-98042	69-98042
480V	3P+G	63-94043	69-94043	63-98043	69-98043
600V	2P+G	63-94142	69-94142	63-98142	69-98142
600V	3P+G	63-94143	69-94143	63-98143	69-98143

For international configurations and ratings (IEC, CE) visit [meltric.com/international-catalog](http://meltric.com/international-catalog) or contact customer service at 800.433.7642.

## Main Options



Auxiliary/Pilot Contacts



Mushroom Pawl



Padlock Pawl



Closed Lid Configuration

Recommended for cord applications to keep lid tucked in to avoid damage.

## Receptacle Options

## Suffix #

## Inlet Options

## Suffix #

With 2 Auxiliary/Pilot Contacts	Recept # - 262	With 2 Auxiliary/Pilot Contacts	Inlet # - 262
With 3 Auxiliary/Pilot Contacts	Recept # - 263	With 3 Auxiliary/Pilot Contacts	Inlet # - 263
With 4 Auxiliary/Pilot Contacts	Recept # - 264	With 4 Auxiliary/Pilot Contacts	Inlet # - 264
With 5 Auxiliary/Pilot Contacts	Recept # - 975	With 5 Auxiliary/Pilot Contacts	Inlet # - 975
With 6 Auxiliary/Pilot Contacts	Recept # - 976	With 6 Auxiliary/Pilot Contacts	Inlet # - 976
Straight Insertion	Recept # - 352	Self-Ejecting Plug Release	Inlet # - 338
Self-Ejecting Connector Release	Recept # - 354	With No Lockout Hole	Inlet # - A155
Mushroom Pawl	Recept # - 375	For Auxiliary Switch*	Inlet # - NNF
Padlock Pawl	Recept # - 843		
Padlockable Mushroom Pawl	Recept # - 375-843		
Locking Mushroom Pawl	Recept # - 845		
Metal Pawl (on poly receptacle)	Recept # - 824		
180° Opening Lid (metal only)	Recept # - 180++		
Closed Lid Configuration	Recept # - NC		
With Auxiliary Switch	Recept # - 270+		

**Notes:** \* Order inlet with P+N+G configuration and receptacle with P+G configuration.

See pages 230-239 for detailed information on these options





**Notes:** + Not UL/CSA listed.  
++ Required when mating to rigid mounted male inlet.





**Order Example: 480V DSN150 + 2 auxiliary contacts**  
DSN150 Poly inlet 3P+G = 63-98043-262

# INSTALLATION ACCESSORIES – SIZE 5


Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.

## HANDLES

HANDLE w/NPT	Part # Poly	Part # Metal
 3/4"	515P0N07	595P0N07
 1"	515P0N10	595P0N10
 1 1/4"	515P0N12	595P0N12
 1 1/2"	515P0N15	595P0N15
For metal devices only 2"	515P0N20	595P0N20


HANDLE w/CORD GRIP	Cable Range	Poly	Metal
	1.25 - 1.375"	-	795P0FS1
	1.270 - 1.470"	715P0EP3	-
	1.520 - 1.860"	715P0GP2	-
	1.438 - 1.562"	-	795P0FS2


For metal devices only

OVERSIZED METAL HANDLE w/NPT		
	3/4"	795P0N07
	1"	795P0N10
	1 1/4"	795P0N12
	1 1/2"	795P0N15
	2"	795P0N20
	2 1/2"	795P0N25






For available cord grips, see pg 178.

For metal devices only

SANTOPRENE HANDLE w/Cable Range		
	.70 - 1.00"	555P0D25
	.984 - 1.377"	555P0D35
IP 66/67	1.377 - 1.771"	555P0D45


POLY HANDLE W/CLAMP & BUSHING w/Cable Range		
	1.250 - 1.375"	715P0S22
	1.438 - 1.562"	715P0S25
	1.562 - 1.688"	715P0S27
	1.688 - 1.812"	715P0S29

## ANGLES


NYLON ANGLE		
	30°	515M3
METAL ANGLE		
	0°	595M0
	30°	595M3
	Oversized 30°	795M3
	70°	595M7

Mounts on oversize box only. Order with 7T6F0N25XL box. See pg 51.

## BOXES

NYLON ANGLE WITH METAL BOX w/NPT			
	30°	1 1/4"	715C3N12
	30°	1 1/2"	715C3N15
	30°	2"	715C3N20
* 108.7 in <sup>3</sup>	30°	2 1/2"	715C3N25

\* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT			
	30°	1 1/4"	795C3N12
	30°	1 1/2"	795C3N15
	30°	2"	795C3N20
* 111.8 in <sup>3</sup>	30°	2 1/2"	795C3N25

\* Interior volume with receptacle installed.

METAL BOX w/NPT			
	0°	1 1/4"	7T5F0N12
	0°	1 1/2"	7T5F0N15
	0°	2"	7T5F0N20
	0°	2 1/2"	7T5F0N25

\* Interior volume with receptacle installed.






NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

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Cable Range	NPT	Cable Range	NPT
.438 - .812	3/4"	.890 - 1.812"	1 1/2"
.660 - 1.000	1"	1.190 - 2.438"	2"
.875 - 1.375"	1 1/4"		

NPT sizes are determined by the cable diameter and third party cord grip.

## MISCELLANEOUS ACCESSORIES

	<b>35-9A126</b>	For watertight seal, the male inlet must also be ordered with the 'No Lockout Hole' option (-A155). For Male Devices Only.
	<b>DS9MC</b>	Aluminum – For Male Inlets Only.
	<b>see pgs 178</b>	
	<b>see pg 175</b>	Mount to existing boxes.
	<b>LP-843</b>	Requires Padlockable Pawl option (-843) on receptacle.